

Baheri Bahera Road to Channara
Schedule XLV-Form No. 134
(FDR 3059)

Darbhanga-1

DIVISION

Baheri

SUB-DIVISION

3865

MEASUREMENT BOOK

Cont - Nishant Kumar

प्रमाणित किया जाता है कि २५
 मीटर पुस्त में २५ मीटर पुस्त १००:६५
 को ५०० है जो श्री २५५
 उद्देश्य, स्वतंत्र अभिमान, प्रामाण्य
 कार्य अभिमान, कार्य कर प्रमाण -
 वहेदी, ६०० है किन्ति किया जाता
 है।
 २९.११.२१

Executive Engineer
 R.W.D. Works Division
 Darbhanga-1

२९.११.२१

Sch. XLV - Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No.

3865

Name of Officer _____

Date of first entry _____

Date of last entry _____

Name of Work - Baheri-Bahera Road to Channama.
 Situation of Work - At - Baheri - Bahera.
 Agency by which work is executed - Sri Nishant
 Date of Measurement - Kumar.
 No. and date of agreement :- 16 F2/2021-22.

(These four lines should be repeated at the commencement of the measurement relating to each work)

Date of entry :- 30.12.2021

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rate :-	0.02%	below	from	B.Q.Q. rate.	
①	Providing	Gumular			
	Sub-base	with	cell		
	graded	material	for		
	grading	material	at		
	1x	10.00x	3.20x	0.100	= 3.200m ³
	1x	25.00x	3.20x	0.100	= 8.000m ³
	1x	6.00x	3.20x	0.100	= 1.920m ³
	1x	22.00x	3.20x	0.100	= 7.040m ³

	1x	5.00x	2.60x	0.100	= 1.300m ³
	1x	3.00x	2.50x	0.100	= 0.750m ³
	5x	1.50x	1.50x	0.100	= 1.125m ³
	2x	2.00x	1.00x	0.100	= 0.400m ³
	3x	2.00x	1.50x	0.100	= 0.900m ³
	1x	3.50x	1.80x	0.100	= 0.630m ³
	1x	18.00x	2.00x	0.100	= 3.600m ³
	1x	12.00x	2.00x	0.100	= 2.400m ³
	1x	4.80x	2.50x	0.100	= 1.200m ³
	1x	9.00x	2.20x	0.100	= 1.980m ³
	2x	3.50x	1.80x	0.100	= 1.260m ³
	7x	1.50x	1.50x	0.100	= 1.575m ³
	2x	2.00x	1.50x	0.100	= 0.600m ³
	2x	2.00x	1.00x	0.100	= 0.400m ³

C.O. Q = 38.280m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①	continued				B.T. R-38.280 m ²
	1x	8.00x	2.10x	0.160	= 1.680 m
	1x	10.00x	2.50x	0.100	= 2.500 m
	3x	2.00x	1.00x	0.100	= 0.600 m
	1x	2.00x	1.50x	0.100	= 0.300 m
	3x	1.50x	1.50x	0.100	= 0.675 m
	2x	3.50x	1.80x	0.100	= 1.260 m
	1x	22.00x	1.80x	0.100	= 3.960 m
	3x	1.50x	1.50x	0.100	= 0.675 m
	2x	2.00x	1.00x	0.100	= 0.400 m
	2x	2.00x	1.50x	0.100	= 0.600 m
	1x	3.50x	1.80x	0.100	= 0.630 m
	1x	19.00x	2.60x	0.100	= 4.940 m
	1x	12.00x	2.60x	0.100	= 3.120 m
					59.62 m ²
②	Providing W.B.M.				
	stone metal landing-3				
	with screening under				
	1x	10.20x	3.20x	0.075	= 2.498 m ³
	1x	25.20x	3.20x	0.075	= 6.048 m
	1x	6.20x	3.20x	0.075	= 1.488 m
	1x	22.20x	3.20x	0.075	= 5.328 m
	1x	5.20x	3.20x	0.075	= 1.248 m
	1x	3.20x	2.70x	0.075	= 0.648 m
	5x	1.60x	1.60x	0.075	= 0.960 m
	2x	2.10x	1.10x	0.075	= 0.347 m
	3x	2.10x	1.60x	0.075	= 0.756 m

c.o.Q = 19.271 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
②	continued.				B.F.
					$Q = 19.271 \text{ m}^3$
	1x	3.60x	1.90x	0.075	= 0.513
	1x	18.20x	2.10x	0.075	= 2.866
	1x	12.20x	2.10x	0.075	= 1.921
	1x	5.00x	2.60x	0.075	= 0.975
	1x	9.20x	2.30x	0.075	= 1.587
	2x	3.60x	2.00x	0.075	= 1.080
	2x	2.10x	1.60x	0.075	= 0.504
	7x	1.60x	1.60x	0.075	= 1.344
	2x	2.10x	1.10x	0.075	= 0.347
	1x	8.20x	2.20x	0.075	= 1.353
	1x	10.50x	2.60x	0.075	= 2.047
	3x	2.10x	1.10x	0.075	= 0.520
	1x	2.10x	1.60x	0.075	= 0.252
	3x	1.60x	1.60x	0.075	= 0.576
	2x	3.60x	1.90x	0.075	= 1.026
	1x	22.20x	2.00x	0.075	= 3.330
	3x	1.60x	1.60x	0.075	= 0.576
	2x	2.10x	1.10x	0.075	= 0.347
	2x	2.20x	1.75x	0.075	= 0.578
	1x	4.00x	2.00x	0.075	= 0.600
	1x	19.50x	2.70x	0.075	= 3.949
	1x	12.25x	2.70x	0.075	= 2.481
	1x	2.00x	7.00x	0.075	= 0.150
					48.193 m ³
③	Providing and				
	applying primer				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③	coat with bitumen				
	emulsion (RS-1) on				
	prepared Surfaces				
	do do.				
	Area =	$\frac{48.193}{0.075}$			$= 642.573 \text{ m}^2$
④	Providing and				
	applying tack				
	coat with bitumen				
	emulsion (RS-1) do do				
	1x	15.00x	$\frac{3.25+3.25}{2}$		$= 48.75 \text{ m}^2$
	1x	7.00x	$\frac{3.25+3.80}{2}$		$= 24.675 \text{ m}^2$
	1x	2.20x	$\frac{3.80+5.50}{2}$		$= 10.230 \text{ m}^2$
	1x	7.00x	$\frac{3.55+3.55}{2}$		$= 24.850 \text{ m}^2$
	1x	9.00x	$\frac{3.75+3.10}{2}$		$= 31.200 \text{ m}^2$
	1x	4.00x	$\frac{3.00+2.90}{2}$		$= 14.160 \text{ m}^2$
	1x	15.00x	$\frac{2.90+3.00}{2}$		$= 44.250 \text{ m}^2$
	1x	15.00x	$\frac{3.00+3.05}{2}$		$= 45.375 \text{ m}^2$
	1x	15.00x	$\frac{3.05+3.10}{2}$		$= 46.125 \text{ m}^2$
	1x	15.00x	$\frac{3.10+3.65}{2}$		$= 50.625 \text{ m}^2$
	1x	15.00x	$\frac{3.65+3.35+3.5}{3}$		$= 50.750 \text{ m}^2$
	1x	15.00x	$\frac{3.15+3.00}{2}$		$= 46.125 \text{ m}^2$
	1x	15.00x	$\frac{3.00+3.55+3.25}{3}$		$= 48.750 \text{ m}^2$
	1x	15.00x	$\frac{3.20+3.20+3.80}{3}$		$= 51.000 \text{ m}^2$
	1x	15.00x	$\frac{3.80+3.40+3.60}{3}$		$= 54.000 \text{ m}^2$
	1x	15.00x	$\frac{3.60+3.70+3.00}{3}$		$= 51.500 \text{ m}^2$
	1x	15.00x	$\frac{3.00+3.50+3.20}{3}$		$= 48.500 \text{ m}^2$
	1x	15.00x	$\frac{3.20+3.35}{2}$		$= 49.125 \text{ m}^2$

C. O. Area = 730.990 m^2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4.) <u>Continued</u>				B.F.	
				Area	739.930 m ²
	1x	15.00x	$\frac{3.35+3.35}{2}$		= 50.250
	1x	15.00x	$\frac{3.35+3.30}{2}$		= 49.875
	1x	15.00x	$\frac{3.30+3.30}{2}$		= 49.500
	1x	5.00x	$\frac{3.30+4.40}{2}$		= 19.250
	1x	8.00x	$\frac{4.40+3.40}{2}$		= 31.200
	1x	15.00x	$\frac{3.40+3.60}{2}$		= 52.500
	1x	15.00x	$\frac{3.60+3.60}{2}$		= 54.000
	1x	15.00x	$\frac{3.60+3.10}{2}$		= 50.250
	1x	15.00x	$\frac{3.10+2.80}{2}$		= 44.250
	1x	15.00x	$\frac{2.80+2.10+2.85}{3}$		= 43.750
	1x	15.00x	$\frac{2.85+3.35}{2}$		= 46.500
	1x	15.00x	$\frac{3.35+3.55}{2}$		= 51.750
	1x	15.00x	$\frac{3.55+3.35}{2}$		= 51.750
	1x	15.00x	$\frac{3.35+3.40}{2}$		= 50.625
	1x	15.00x	$\frac{3.40+3.30}{2}$		= 50.250
	1x	15.00x	$\frac{3.30+3.70}{2}$		= 52.500
	1x	30.00x	$\frac{3.70+3.50+3.20}{3}$		= 104.000
	1x	5.00x	$\frac{3.20+4.00}{2}$		= 10.800
		(481.00 M)			
					1602.990 m ²
(5.) <u>MSS</u>					
Providing, laying and rolling of close-graded premix surfacing material of 20mm thickness d.d.					
	1x	15.00x	$\frac{3.25+3.25}{2}$		= 48.750 m ²
	1x	7.00x	$\frac{3.25+3.80}{2}$		= 24.675
	1x	2.20x	$\frac{3.80+5.50}{2}$		= 10.230
					c.o. Area = 83.655 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Continued				B.F.	
				Area =	83.655 m ²
	1x	7.00x	$\frac{3.55+3.55}{2}$		= 24.850 "
	1x	9.00x	$\frac{3.55+3.75+3.10}{2}$		= 31.200 "
	1x	4.80x	$\frac{3.00+2.90}{2}$		= 14.160 "
	1x	15.00x	$\frac{2.90+3.00}{2}$		= 44.250 "
	1x	15.00x	$\frac{3.00+3.05}{2}$		= 45.375 "
	1x	15.00x	$\frac{3.05+3.10}{2}$		= 46.125 "
	1x	15.00x	$\frac{3.10+3.65}{2}$		= 50.625 "
	1x	15.00x	$\frac{3.65+3.35+3.15}{3}$		= 50.750 "
	1x	15.00x	$\frac{3.15+3.60}{2}$		= 46.125 "
	1x	15.00x	$\frac{3.00+3.55+3.20}{3}$		= 48.750 "
	1x	15.00x	$\frac{3.20+3.20+3.80}{3}$		= 51.000 "
	1x	15.00x	$\frac{3.80+3.40+3.50}{3}$		= 54.000 "
	1x	15.00x	$\frac{3.60+3.70+3.70}{3}$		= 51.500 "
	1x	15.00x	$\frac{3.00+3.50+3.20}{3}$		= 48.500 "
	1x	15.00x	$\frac{3.20+3.35}{2}$		= 49.125 "
	1x	15.00x	$\frac{3.35+3.35}{2}$		= 50.250 "
	1x	15.00x	$\frac{3.35+3.30}{2}$		= 49.875 "
	1x	15.00x	$\frac{3.30+3.30}{2}$		= 49.500 "
	1x	5.00x	$\frac{3.30+4.40}{2}$		= 19.250 "
	1x	8.00x	$\frac{4.40+3.40}{2}$		= 31.200 "
	1x	15.00x	$\frac{3.40+3.60}{2}$		= 52.500 "
	1x	15.00x	$\frac{3.60+3.60}{2}$		= 54.000 "
	1x	15.00x	$\frac{3.60+3.10}{2}$		= 50.250 "
	1x	15.00x	$\frac{3.10+2.80}{2}$		= 44.250 "
	1x	15.00x	$\frac{2.80+3.10+2.85}{3}$		= 43.750 "
	1x	15.00x	$\frac{2.85+3.35}{2}$		= 46.500 "

C.O. Area = 1231.315 m²

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>ABSTRACT OF CONST.</u>				
①	Providing granular sub-base with well graded material of Grading-1 material - d.d.				
	V.P. $\frac{2}{1}$	59.62 m ³			
	@ Rs. 3126.98/m ³				Rs. 1,86,431.00
②	Providing 0.3M stone masonry with screening				
	V.P. $\frac{3}{2}$	48.193 m ³			
	Limit 48.19 m ³				
	@ Rs. 3935.17/m ³				Rs. 1,89,636.00
③	Providing and applying				

	prime coat (SS-1) on prepared surfaces d.d.	
	V.P. $\frac{4}{3}$ 642.573 m ²	
	@ Rs. 49 = 46/m ² Rs. 31,782 = 00	
④	Providing and applying Jack coat with bitumen emulsion (RS-3) d.d.	
	V.P. $\frac{5}{4}$ 1602.99 m ²	
Limit to 1515.00 m ²	@ Rs. 16 = 80/m ² Rs. 25,452 = 00	
⑤	Providing, laying and rolling of close-graded porous surfacing material of 20mm thickness d.d.	

c/o Rs. 4,33,301.00

Continuation

Continuation

Continuation